

## Claims

1. A product which comprises sorbic acid and at least one culture of a microorganism with probiotic activity (= probiotic).
2. A product as claimed in claim 1, which comprises at least 90 % by weight sorbic acid.
3. A product as claimed in claim 1, which comprises a probiotic or probiotics in an amount which corresponds to  $10^7$  to  $10^{10}$  viable microorganisms per g of the feed produced from the product.
4. A product as claimed in claim 1, wherein the probiotic is selected from:  
*Bacillus cereus*, *Bacillus clausii*, *Bacillus licheniformis*, *Bacillus subtilis*,  
*Bifidobacterium bifidum*, *Bifidobacterium breve*, *Bifidobacterium infantis*,  
*Bifidobacterium lactis*, *Bifidobacterium longum*, *Bifidobacterium adolescentis*,  
*Enterococcus faecium*, *Enterococcus mundtii*, *Lactobacillus acidophilus*,  
*Lactobacillus amylovorus*, *Lactobacillus bulgaricus*, *Lactobacillus casei*,  
*Lactobacillus crispatus*, *Lactobacillus farciminis*, *Lactobacillus gallinarum*,  
*Lactobacillus gasseri*, *Lactobacillus johnsonii*, *Lactobacillus paracasei*,  
*Lactobacillus plantarum*, *Lactobacillus reuteri*, *Lactobacillus rhamnosus*,  
*Lactobacillus salivarius*, *Pediococcus acidilactici*, *Saccharomyces cerevisiae*,  
*Streptococcus infantarius*, *Streptococcus thermophilus* and combinations thereof.
5. A product as claimed in claim 1, which additionally comprises at least one enzyme and/or enzyme product.
6. A product as claimed in claim 5, wherein the enzyme is selected from:  
phytase, cellulase, glucanase, hemicellulase (xylanase), amylase,

galactosidase, pentosanase, glucosidase, various lipases, mannase (endo-1,4- $\beta$ ), polygalacturonase, transglutaminase and mixtures thereof.

7. A kit for addition to feedstuffs which comprises, separate from one another,
  - one or more microorganism cultures (= probiotic) and
  - sorbic acid.
8. A feedstuff which comprises a product as claimed in claim 1.
9. An addition to feedstuffs which comprises a product as claimed in claim 1.
10. A feedstuff as claimed in claim 8, which comprises >0.0 to 2.0 % by weight (based on the feedstuff) of the product.
11. The method of using a product as claimed in claim 1 as addition to animal feed or feedstuffs which method comprises adding a product as claimed in claim 1 to animal feed or feedstuffs.
12. The method as claimed in claim 11 in pig rearing.
13. The method as claimed in claim 11 in cattle rearing.
14. The method as claimed in claim 11 in lamb rearing.
15. The method as claimed in claim 11 in poultry rearing.

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